

# Pocket Power! - increasing the potential of anaerobic digestion at farm-scale

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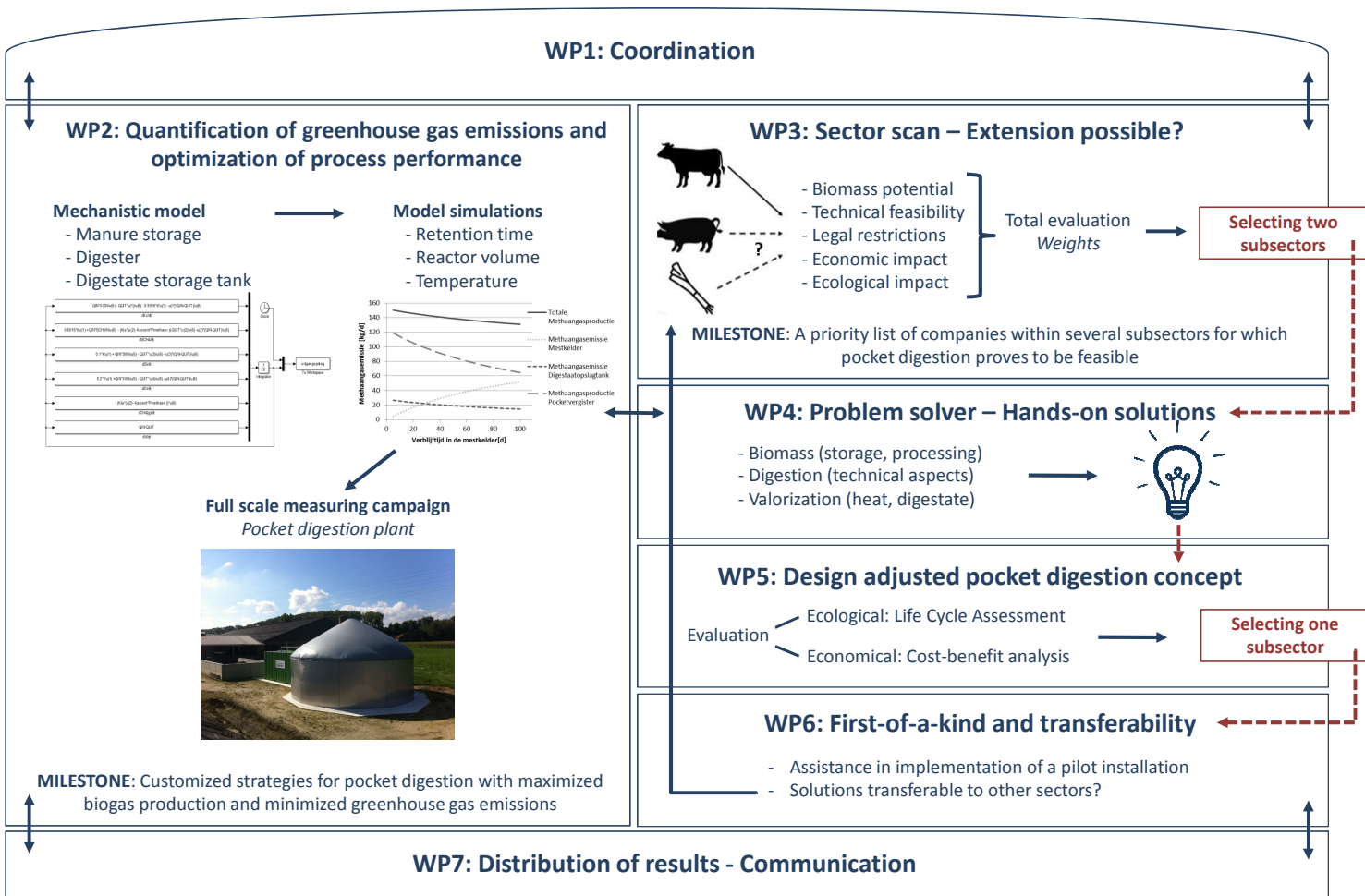
## Introduction

- Rising energy prices are becoming a more and more determining cost for agricultural companies
- Pocket digestion may lead to the (partial) fulfillment of the farm's energy requirements
- Limited scale: less transport costs, independence of market prices, less landscape disruption,...

## Objectives

- Extending the positive experiences with pocket digestion of cattle slurry to **other agricultural streams** like pig manure and crop residues
- Quantify the amount of **greenhouse gas emission** that could be reduced by pocket digestion to be able to consider it as a climate measure

## Work packages (WP) – Methods



## Discussion

- Unused biomass: incentive to explore valorization options
- Convince farmers to invest in a pocket digester that contributes to the reduction of greenhouse gas emissions
- Many challenges to achieve an optimized practical implementation
  - Technical and legal issues
  - Profitability for farmer and constructor
  - Quantifying and optimizing environmental impact

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